HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Attorney Docket No. 2251.2003-001 UTILITY PATENT APPLICATION First Named Inventor or Tzvi Avnery Application Identifier (Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Express Mail Label No. EV 010677374 US FLUID STERILIZATION APPARATUS Title of Invention Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231 APPLICATION ELEMENTS ADDRESS TO: See MPEP chapter 600 concerning utility patent application contents. 6. [] Microfiche Computer Program (Appendix) Fee Transmittal Form (Submit an original, and a duplicate for fee processing) 7. [] Nucleotide and/or Amino Acid Sequence Submission [Total Pages [18] 2. [X] Specification (if applicable, all necessary) (preferred arrangement set forth below) Descriptive title of the invention Computer Readable Copy Cross References to Related Applications Paper Copy (identical to computer copy) b. [] Statement Regarding Fed sponsored R & D Reference to microfiche Appendix | Pages Background of the Invention Statement verifying identity of above copies c. [] Summary of the Invention Brief Description of the Drawings **ACCOMPANYING APPLICATION PARTS** Detailed Description 8. [] Assignment Papers (cover sheet & documents) Claim(s) [X] Assignee - Advanced Electron Beams, Inc. Abstract of the Disclosure Wilmington, Massachusetts 01887 3. [X] Drawing(s) (35 U.S.C. 113) [Total Sheets 5] [X] Informal] Formal 9. [] 37 C.F.R. 3.73(b) Statement [] Power of Attorney [X] Fig. of the Drawings for Publication [Fig. 2] 10. [] English Translation Document (if applicable) 4. [] Oath or Declaration/POA [Total Pages [[] Copies of IDS Citations 11. [] Information Disclosure Newly executed (original or copy) Statement (IDS)/PTO-1449 Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 18 completed) 12. [] Preliminary Amendment [NOTE Box 5 below] 13. [X] Return Receipt Postcard (MPEP 503) i. [] DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior Statement filed in prior application, 14. [] Small Entity [] application, see 37 C.F.R. 1.63(d)(2) status still proper and desired and 1.33(b). 15a. [] Foreign Priority Claim under 35 U.S.C. §119 or 365 Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a 15b. [] Certified Copy of Priority Document(s) copy of the oath or declaration is supplied under Box 4b, 1s 16. [] Nonpublication Request (check parent application) considered as being part of the disclosure of the accompanying 17. [] Other: application and is hereby incorporated by reference therein. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: 18. [] Continuation-in-part (CIP) of prior application No.: Divisional [] Continuation Group Art Unit: Prior application information: Examiner:

19. CORRESPONDENCE ADDRESS							
NAME	James M. Smith, Esq.						
	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.						
ADDRESS	530 Virginia Road, P.O. Box 9133						
CITY	Concord	STATE	MA	ZIP CODE	01742-9133		
COUNTRY	USA	TELEPHONE	(978) 341-0036	FAX	(978) 341-0136		

Signature	Dall Ug	Date	12/4/2001
Submitted by Typed or Printed Name	Darrell L. Wong	Reg. Number	36,725
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